

Commonwealth of Kentucky
Division for Air Quality

PERMIT APPLICATION SUMMARY FORM

Completed by: Rita Arguello
Reviewed by: Min Wang

GENERAL INFORMATION:

| | |
|----------------------------|---|
| Name: | Siegel-Robert Automotive |
| Address: | 350 Scotty's way, Bowling Green, KY, 42101-9549 |
| Date application received: | Dec. 15, 2005 |
| SIC/Source description: | 3471-Electroplating |
| Source I.D. #: | 021-227-00127 |
| Source A.I. #: | 4132 |
| Activity #: | APE20060001 |
| Permit number: | F-06-044 Renewal |

APPLICATION TYPE/PERMIT ACTIVITY:

| | |
|--|---|
| <input type="checkbox"/> Initial issuance | <input type="checkbox"/> General permit |
| <input type="checkbox"/> Permit modification | <input checked="" type="checkbox"/> Conditional major |
| <input type="checkbox"/> Administrative | <input type="checkbox"/> Title V |
| <input type="checkbox"/> Minor | <input checked="" type="checkbox"/> Synthetic minor |
| <input type="checkbox"/> Significant | <input checked="" type="checkbox"/> Operating |
| <input checked="" type="checkbox"/> Permit renewal | <input type="checkbox"/> Construction/operating |

COMPLIANCE SUMMARY:

| | |
|---|---|
| <input type="checkbox"/> Source is out of compliance | <input type="checkbox"/> Compliance schedule included |
| <input checked="" type="checkbox"/> Compliance certification signed | |

APPLICABLE REQUIREMENTS LIST:

| | | |
|--|---|---|
| <input type="checkbox"/> NSR | <input type="checkbox"/> NSPS | <input checked="" type="checkbox"/> SIP |
| <input type="checkbox"/> PSD | <input checked="" type="checkbox"/> NESHAPS | <input type="checkbox"/> Other |
| <input type="checkbox"/> Netted out of PSD/NSR | <input type="checkbox"/> | |

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☒ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants)

EMISSIONS SUMMARY:

| Pollutant | Actual (tpy) | Potential (tpy) |
|-----------------|--|-----------------|
| CO | NA | NA |
| NO _x | NA | NA |
| PM | ≤90 | 530 |
| SO ₂ | NA | NA |
| VOC | ≤90 | 125 |
| HAPs | 22.5 for total HAPs 9 tpy for each single HAP | 96.5 |

SOURCE PROCESS DESCRIPTION:

S-R Automotive (also known as S-R Kentucky), Inc. makes automotive grilles, handles and bathroom faucets. The source has applied for a Renewal of its Conditional Major permit, which expired on May 7, 2006. Pursuant to 401 KAR 52:030, a Conditional Major permit (Permit No.: F-06-044) has been drafted for S-R Automotive located at 350 Scotty's Way, Bowling Green, Warren County, Kentucky. The draft permit issued is a source wide conditional major permit limiting emission of Particulate Matter (PM), Volatile Organic Compounds (VOC) and HAPs, emitted from the regulated operations source wide.

The Particulate Matter (PM) is emitted from Surface Coating operations (paint spray booths) which are equipped with a fabric filter PM control unit. The fabric filter has 80% emission control efficiency. The remaining 20% of the sprayed paint is assumed to stay with the painted part.

The emissions resulting from the two (2) paint mask washers booths are negligible since these cleaning processes as described in AP-42 (p. 830) have negligible emissions.

The only emission from the grinding operation is Particulate Matter (PM). The size, nature, and control realized on the grinding emissions indicate the grinding emissions are a trivial activity. Therefore, the PM emissions from the grinders are considered negligible.

The two (2) plastic storage silos may emit PM during loading and/or unloading operations; however, the size and plastic pellet material indicate that the PM emissions, if any, are negligible.